



#4 | Amdt. A  
T. Ogunmakinwa  
6/24/91

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of  
RICHARD EDWARD FERNANDEZ

Case No.: CH-1763

Art Unit: 223

Serial No.: 07/436,464

Examiner: J. D. ANTHONY

Filed: November 14, 1989

For: FIRE-EXTINGUISHING COMPOSITION AND PROCESS

RECEIVED

JUN 24 1991

Wilmington, Delaware

Date: 14 JUNE 1991

GROUP 220

RESPONSE

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

In response to the Office Action of January 15, 1991, please amend the subject application as follows:

In the Claims

In Claims 7 and 9, line 1, <sup>230</sup> change "comprising" to  
--consisting essentially of--.

In Claim 8, lines 3 and 4, cancel "said propane  
introduced into said enclosed area" and substitute --said  
fluoro-substituted propane--.

In Claim 11, line 3, cancel "said propane" and  
substitute --said fluoro-substituted propane--.

DISCUSSION

1. Applicant affirms the election (with traverse)  
to prosecute the invention of Group II, Claims 7-13.

2. Applicant's invention relates to the discovery  
that certain fluoro-substituted propanes all containing at  
least 6 fluorine atoms, are highly effective fire-  
extinguishing agents. Currently, commercial fire-  
extinguishing agents involve bromine-containing halocarbons.  
However, bromine-containing halocarbons are toxic to humans  
and recently have been found to deplete the stratospheric  
ozone layer, their ozone depletion potential being even  
greater than the much publicized chlorofluorocarbons